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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2566BA	3D-1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

STATION	LOCATION (LT, RT, OR CL)'	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE
Sheet 4																			
L 153+00	LT	401		2778.5	2775.5														
		401	402		2775.5	2774.4													
L 155+50	LT	403		2770.8	2767.8														
		403	405		2767.8	2766.5													
L 158+50	LT	407		2767.0	2763.5														
L 158+50	CL	408		2768.0	2761.2														
		406	407		2789.5	2763.5													
		407	408		2763.5	2763.1													
		408	409		2761.2	2760.4													
SHEET 5																			
L 162+00	LT	503		2673.7	2760.7														
L 162+00	CL	504		2764	2760.1														
		503	504		2760.7	2760.2													
L 162+00	RT	501		2761.0	2757.4														
		504	501		2760.1	2757.5													
		501	505		2757.4	2757.2				20							X	X	
Y5REV 19+52	RT	506		2762.6	2752.6														
Y5REV 19+52	RT	507		2756.2	2752.4														
		506	507		2752.6	2752.5													
Y5REV 19+52	LT	509		2756.9	2751.9														
		507	509		2752.4	2752													
Y5REV 20+00	LT	508		2757.6	2754.4														
		508	509		2754.4	2752.3			52										
Y5REV 19+00	LT	510		2754	2750.4														
		509	510		2751.9	2750.5				56									
		510	511		2750.4	2746				72									
L 166+84	RT	512		2757.5	2754														
L 165+85	RT	513		2759.9	2753.1														
		512	513		2754	2753.2													
		513	514		2753.1	2748													
Y4 12+68	LT	515		2749.9	2746.9														
		515	516		2746.9	2746													
SHEET TOTALS								0	52	148	0	0	0	0					

STATION	C.S. PIPE 12" (.064)	C.S. PIPE 15" (.064)	C.S. PIPE 18" (.064)	C.S. PIPE 24" (.064)	C.S. PIPE 30" (.079)	C.S. PIPE 36" (.079)	C.S. PIPE 42" (.109)	C.S. PIPE 48" (.109)	R.C. PIPE CLASS III 12"	15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS IV 12"	15"	18"	24"	30"	36"	42"	48"
Sheet 4																								
L 153+00																								
																			100					
L 155+50																								
																			124					
L 158+50																								
L 158+50																								
				32																				
																				44				
																				84				
SHEET 5																								
L 162+00																								
L 162+00																								
																			44					
L 162+00																								
																			52					
Y5REV 19+52																								
Y5REV 19+52																								
																			4					
Y5REV 19+52																								
																			40					
Y5REV 20+00																								
Y5REV 19+00																								
L 166+84																								
L 165+85																								
																				96				
				32																				
Y4 12+68																								
																			28					
SHEET TOTALS	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392	224	0	0	0	0

STATION	** " R.C. PIPE (CLASS V)	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN
Sheet 4																
L 153+00								1								
L 155+50								1								
L 158+50								1								
L 158+50								1	1.8		1		1			
SHEET 5																
L 162+00								1								
L 162+00								1			1		1			
L 162+00								1								
Y5REV 19+52								1	5							
Y5REV 19+52								1								
Y5REV 19+52								1								
Y5REV 20+00								1								
Y5REV 19+00								1								
L 166+84								1								
L 165+85								1	1.8							
Y4 12+68								1								
SHEET TOTALS								15	8.6	0	2	0	2	0	0	0

STATION	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME WITH TWO GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. TYPE "B" STD. 840.18 OR 840.27	G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH GRATE STD. 840.20	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH 2 GRATES STD. 840.24	TB-4GI, SEE SHT. 2C-11	J.B. STD. 840.31 OR 840.32	T.B.D.I. STD. 840.35	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	FLOWABLE FILL (CY)	C.S. PIPE ELBOWS NO. & SIZE	Berm Drainage Outlet Std. No. 850.11 (SY)	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
Sheet 4																31			
L 153+00				1				1											
														4					REMOVE EXIST. H.W.
L 155+50				1				1											
														4					REMOVE EXIST. H.W.
L 158+50				1				1											
L 158+50																			
															1 @ 24"				
														4					REMOVE EXIST. H.W.
SHEET 5																			
L 162+00				1				1											
L 162+00																			
L 162+00											1	1							
Y5REV 19+52	1	1																	
Y5REV 19+52											1	1							
Y5REV 19+52	1	1																	
Y5REV 20+00	1	1																	
Y5REV 19+00	1	1																	
L 166+84				1				1											
L 165+85								2	1										
															2 @ 24"				
Y4 12+68				1				1										30	
SHEET TOTALS	4	4	0	6	0	0	0	8	1	0	2	2	0	12	3 @ 24'	31		30	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	(NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX